

A joint collaboration between Stark County Public Health Agencies:

Alliance City Health Department

Canton City Public Health

Massillon City Health Department

Stark County Health Department

Stark County, Ohio

December 16, 2021 Epi Report

**COVID-19 Snapshot
Stark County, Ohio
as of 12:00pm
December 16, 2021**

**December 2, 2021-December 15, 2021
Number of Confirmed & Probable Cases in Stark County
2974
Rate per 100,000 in Stark County Population
802.5
CDC Level of Community Transmission: High
12/08/2021-12/14/2021**

Confirmed Cases

Total:
47,704

Active/Open Cases:
2,144

Closed:
(includes Deaths)
45,560

Closed due to Death:
1,117

Probable Cases

Total:
9,294

Active/Open Cases:
401

Closed:
(includes Deaths)
8,893

Closed due to Death:
185

**Hospitalized
Confirmed &
Probable Cases**

Yes:
(includes ICU)
3,239

Yes, ICU:
185

Discharged:
1,425

**Age
Range**

Confirmed
Cases:
<1-108

Hospitalized in
Confirmed
Cases:
<1-105

Deaths in
Confirmed
Cases:
21-102

All data contained is preliminary and is subject to change as more information is reported to Ohio Department of Health (ODH). Data is as of 11:00pm on 12/15/2021. Cases from previous days are likely to change as more information is entered. Caution should be exercised as data is subject to change. Numbers may differ from ODH depending on time data was accessed.

For questions regarding this report, please contact:

Amanda Archer, MPH aarcher@cantonhealth.org

Jessica Boley, RD, LD jboley@cantonhealth.org

Chelsea Sadinski, MPH SadinskiC@starkhealth.org



Stark County Epi Situational Report - COVID-19

Table 1 as of: 12/16/2021 12:00PM

Next report scheduled: 12/23/2021

Cases Reported to Stark LHDs		
Data from 9/22/2021-12/16/2021 (12-weeks)		
Positive/Confirmed	11,633	
Hospitalized	697	5.99%
ICU Admissions	11	0.09%
Deaths in Confirmed Cases	137	1.18%
Probable Cases	2,744	
Deaths in Probable Cases	19	

Cases Reported to Stark LHDs		
Cumulative Data as of 12/16/2021 12:00		
Positive/Confirmed	47,704	
Hospitalized	3,155	6.61%
ICU Admissions	181	0.38%
Deaths in Confirmed Cases	1,117	2.34%
Probable Cases	9,294	
Deaths in Probable Cases	185	

Descriptive Statistics for Stark County Confirmed Cases: Data from 9/22/2021-12/16/2021

Gender			
	Confirmed Cases		Deaths
Male	5,391	46.3%	74
Female	6,225	53.5%	63
Unknown	17	0.1%	0
Total	11,633		137

Ethnicity			
	Hispanic	Non-Hisp	Unknown*
Count	184	8,478	2,971
%	1.6%	72.9%	25.5%

Race							
	White	Black	Asian/Pacific Islander	American Indian/Alaskan Native	Other	Multiple Races	Unknown*
Count	8,324	901	66	13	262	205	1,862
%	71.6%	7.7%	0.6%	0.1%	2.3%	1.8%	16.0%

*Unknown counts includes refused to answer responses

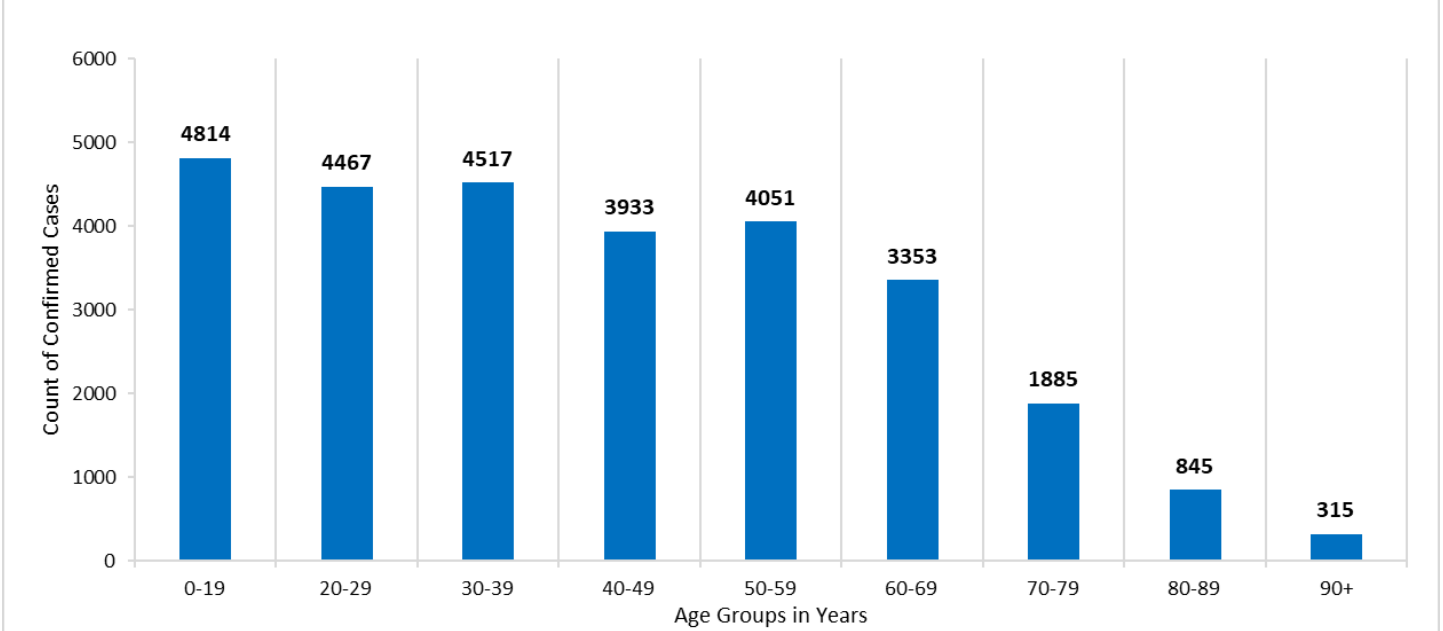
Hospitalization Information for Stark County Confirmed Cases-Cumulative Counts

Hospitalized			If hospitalized, in ICU?			Discharged from Hospital		
Yes	3,155	6.6%	Yes	181	6%	ICU	132	
No	40,688	85.3%	No	2,974	94%	Other	1255	
Unknown	3,861	8.1%				Some cases may be discharged due to death.		

Stark County Vaccination Update as of 12/16/2021

Current Vaccination Groups Eligible	Vaccine Started	Vaccine Completed
Persons aged 5 and over	Count: 201,597	Count: 187,464
	54.40% of population	50.58% of population

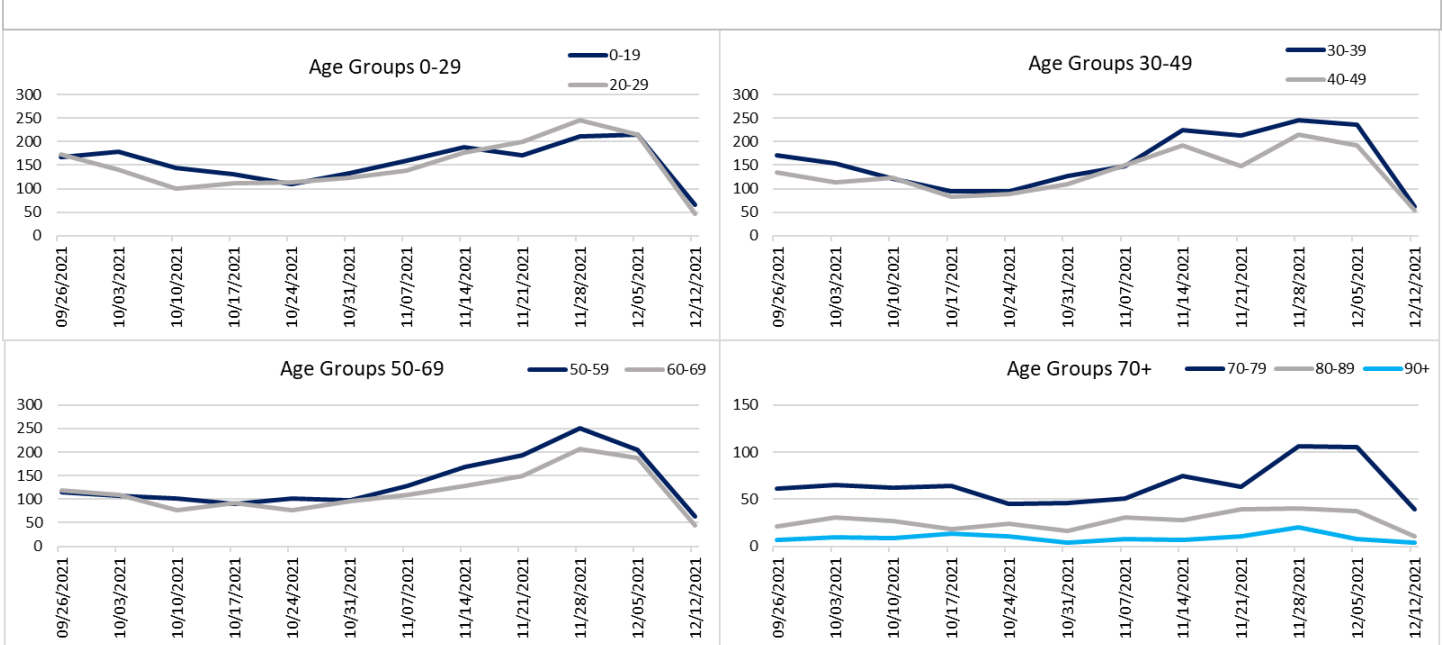
Count of Confirmed Cases by Age Group in Stark County-2021 only
Graph 1



Graph 1 shows the cumulative number of laboratory-confirmed cases by age group for 2021 only. There is 1 confirmed case in which date of birth is currently unknown and not shown in graph above.

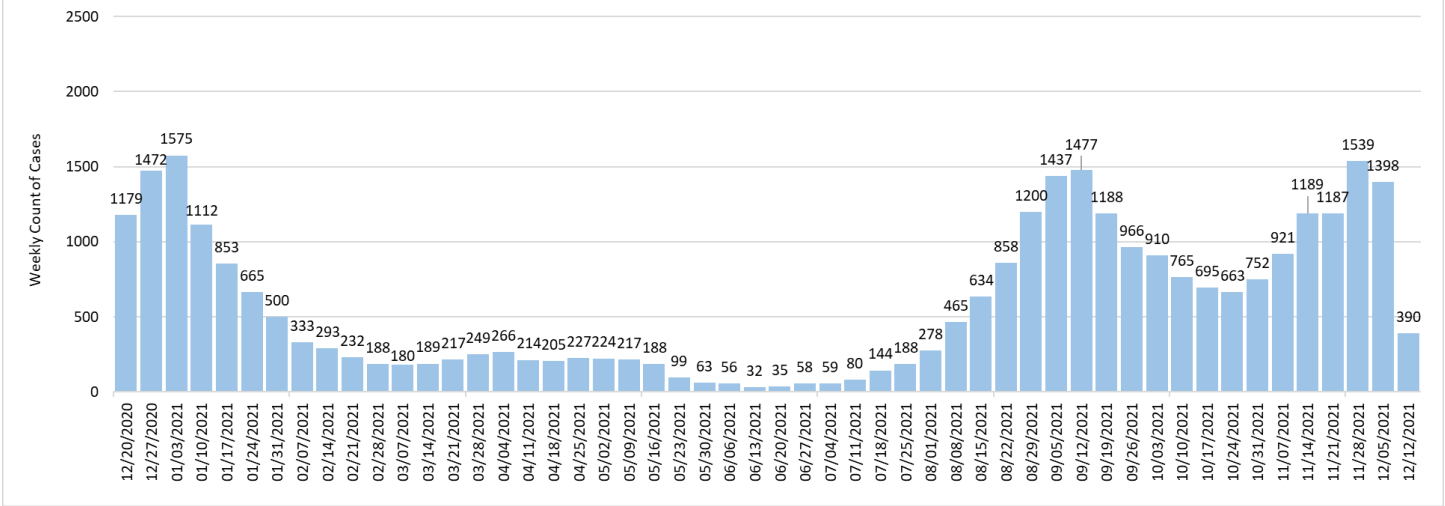
Graph 2 shows a breakdown of confirmed cases by week by age groups. As with all data contained in this report, caution is advised when looking at the past 2-3 weeks of data due to delays in testing results. Only 12 weeks of data is shown in graphs below. Please be aware that all 4 graphs have differing y-axis (vertical axis) to best show differences in case counts from week to week.

Weekly Counts of Confirmed Cases by Illness Onset Date and Age Group
Graph 2



EPIDEMIOLOGICAL REPORT ON COVID-19

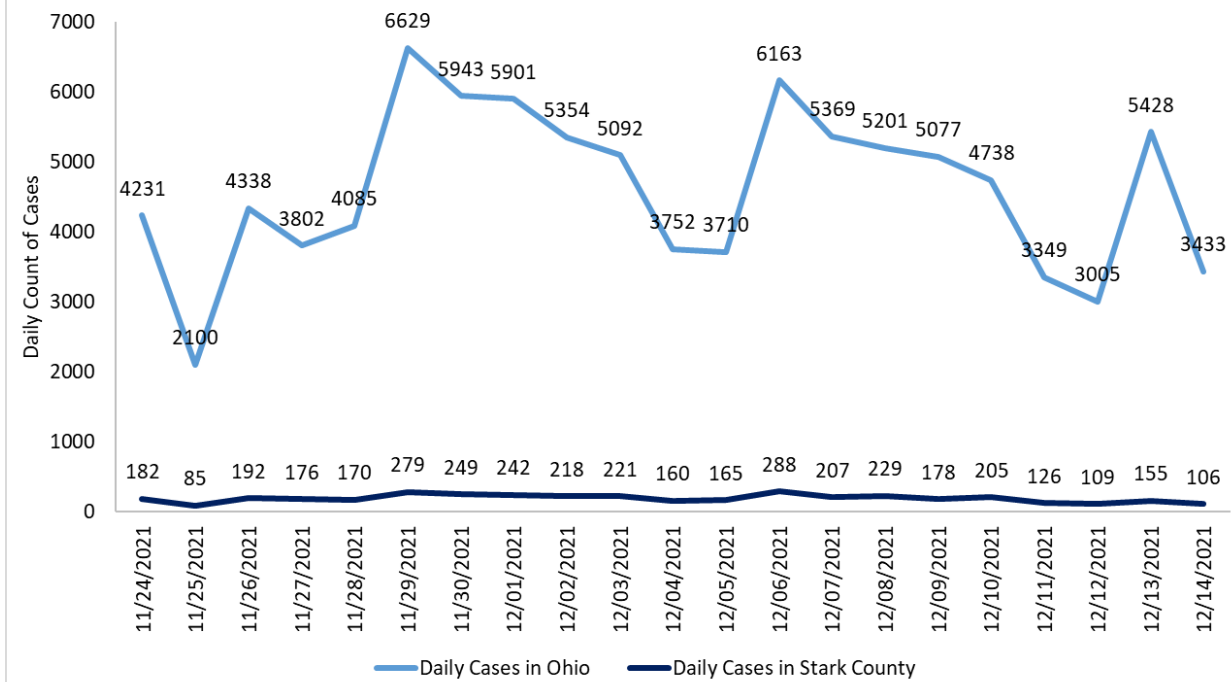
Weekly EpiCurve of Confirmed COVID-19 Cases in Stark County by Illness Onset
Graph 3



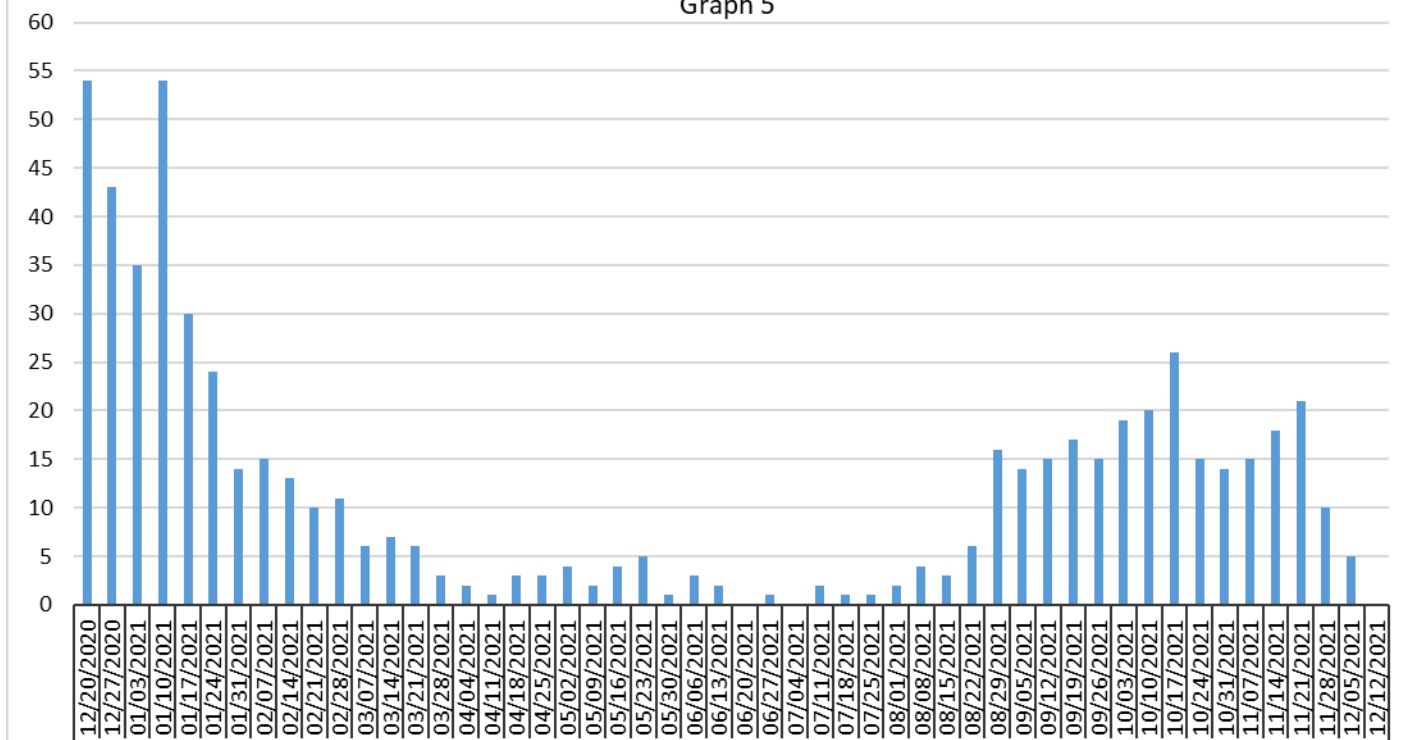
Graph 3 shows the EpiCurve which displays the total number of laboratory-confirmed cases per week, based on the illness onset date for Stark County. If the illness onset date is not available, the earliest known date is utilized, which could be the date the specimen was collected, the date of the test results or the date reported to the local health department. Counts will change as additional information is collected. Stark County's first confirmed case reported an illness onset date of 2/25/2020 but graph only contains 52 weeks of data.

To help highlight short-term daily changes, Graph 4 shows daily counts of laboratory confirmed cases for a 21-day period.

21 Day EpiCurve of Confirmed COVID-19 Cases in Stark County and Ohio by Illness Onset
Graph 4

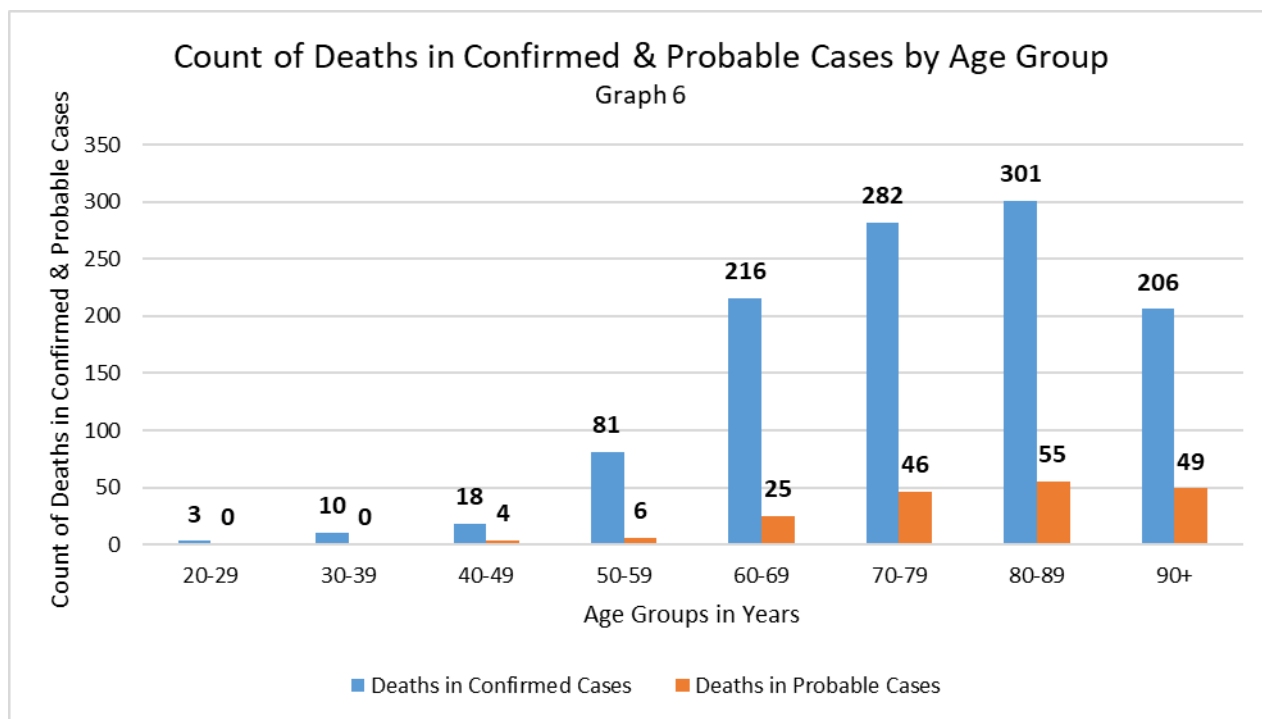


Count of Deaths in Confirmed Cases by Week
Graph 5



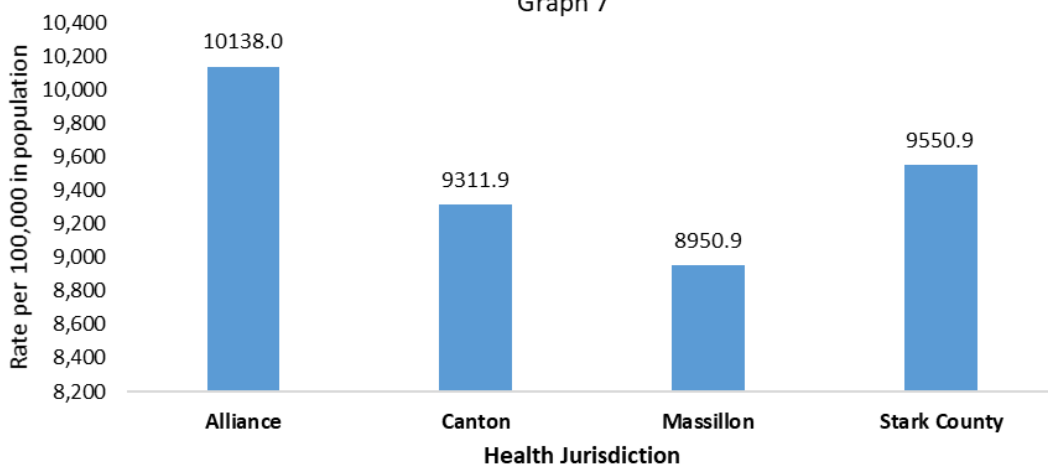
Graph 5 is a breakdown of death counts in laboratory-confirmed cases by week in which the death occurred. Includes only deaths reported to the local health department as of 12:00 pm on 12/16/2021. This isn't an automated process which is why it may be a week or longer for a death to be documented. **Please see last page of report for additional information regarding deaths.**

Graph 6 shows the breakdown in deaths in confirmed and probable cases by age group. Additional age groups will be added as needed.



Rate of Confirmed and Probable Cases by Health Jurisdiction-2021 only

Graph 7



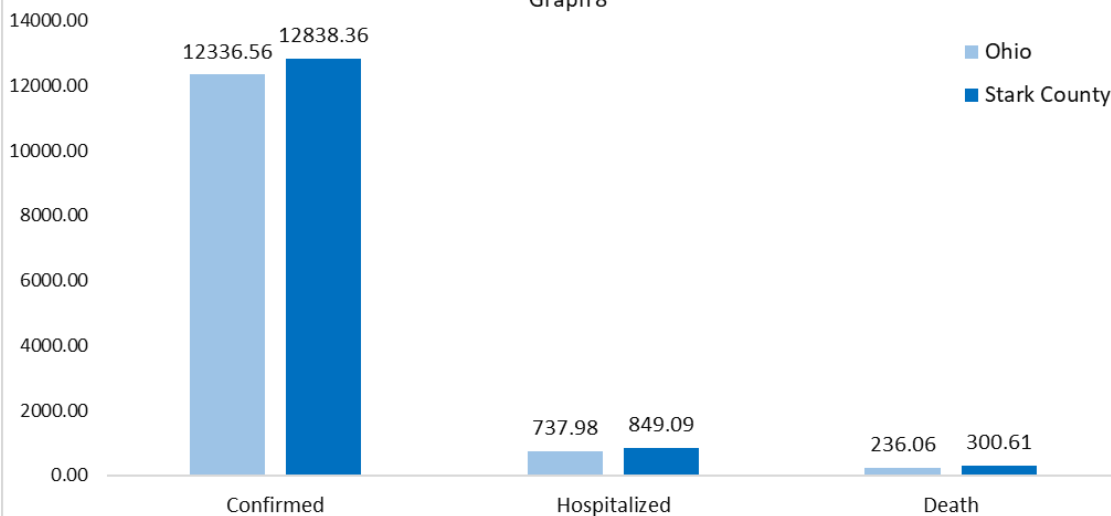
	Probable Cases	Confirmed Cases	Total
Alliance	269	1994	2263
Canton	1365	5196	6561
Massillon	427	2474	2901
Stark County	5014	18518	23,532

Rates=(case count/population)*100000

Graph 7 shows the rate of cumulative confirmed and probable cases by Stark County jurisdictions. Alliance, Canton and Massillon jurisdictions covers those within those particular city limits. Stark County jurisdiction covers all other areas outside of those three city limits. Rates calculated by 2018 population census data.

Rates of Confirmed Cases by Population

Graph 8



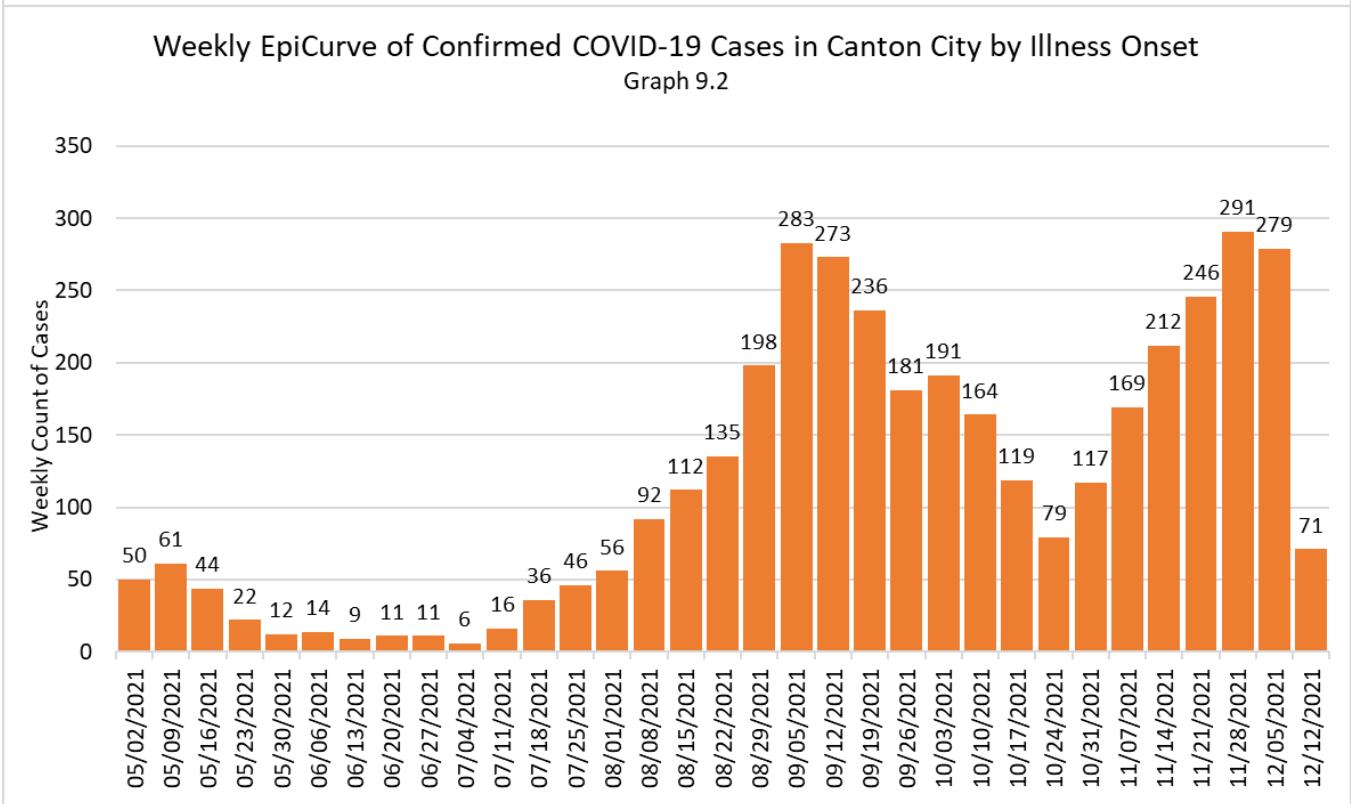
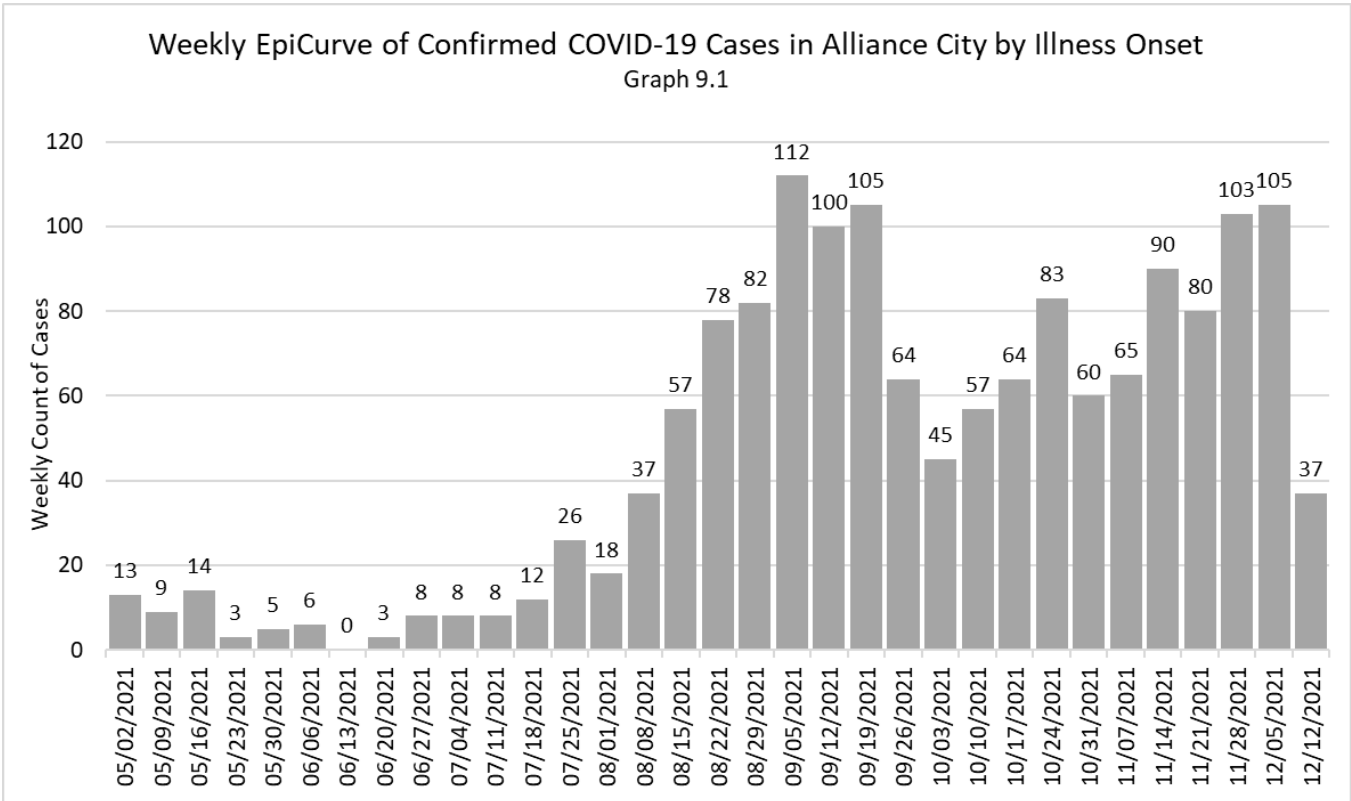
Counts of Cases	Ohio	Stark County
Confirmed	1,442,075	47,704
Hospitalized	86,266	3,155
Deaths	27,594	1,117

Rates based on 2018 population from data.census.gov.
Rates=(count/population)*100000

Graph 8 shows the rates dependent on the 2018 population in Ohio and Stark County. This graph works to compare cases in different populations by normalizing the cases per 100,000 persons.

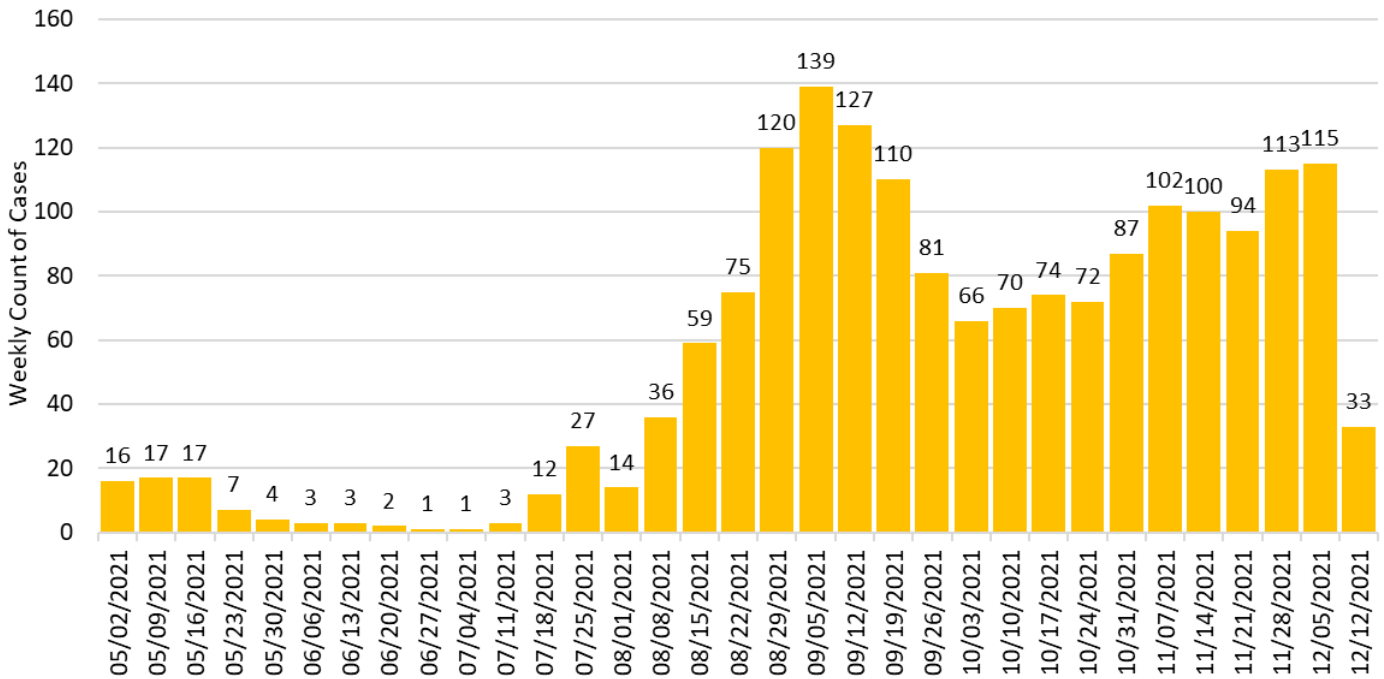
- Stark County's rate of laboratory confirmed cases is 1.0x higher than those in Ohio.
- Stark County's rate of laboratory confirmed cases who require hospitalization is 1.2x higher than Ohio's rate.
- Stark County's rate of death due to COVID-19 complications is 1.3x higher than Ohio's rate.

To give health jurisdictions a clearer picture of cases within the 3 city limits and outside of those city limits, new graphs have been added. Graphs 9.1, 9.2, 9.3 are for each of the 3 city centers in Stark County. Graph 9.4 is for cases that occurred in residents outside of the 3 city limits. Please be aware that all 4 graphs have differing y-axis (vertical axis) to best show differences in case counts from week to week.



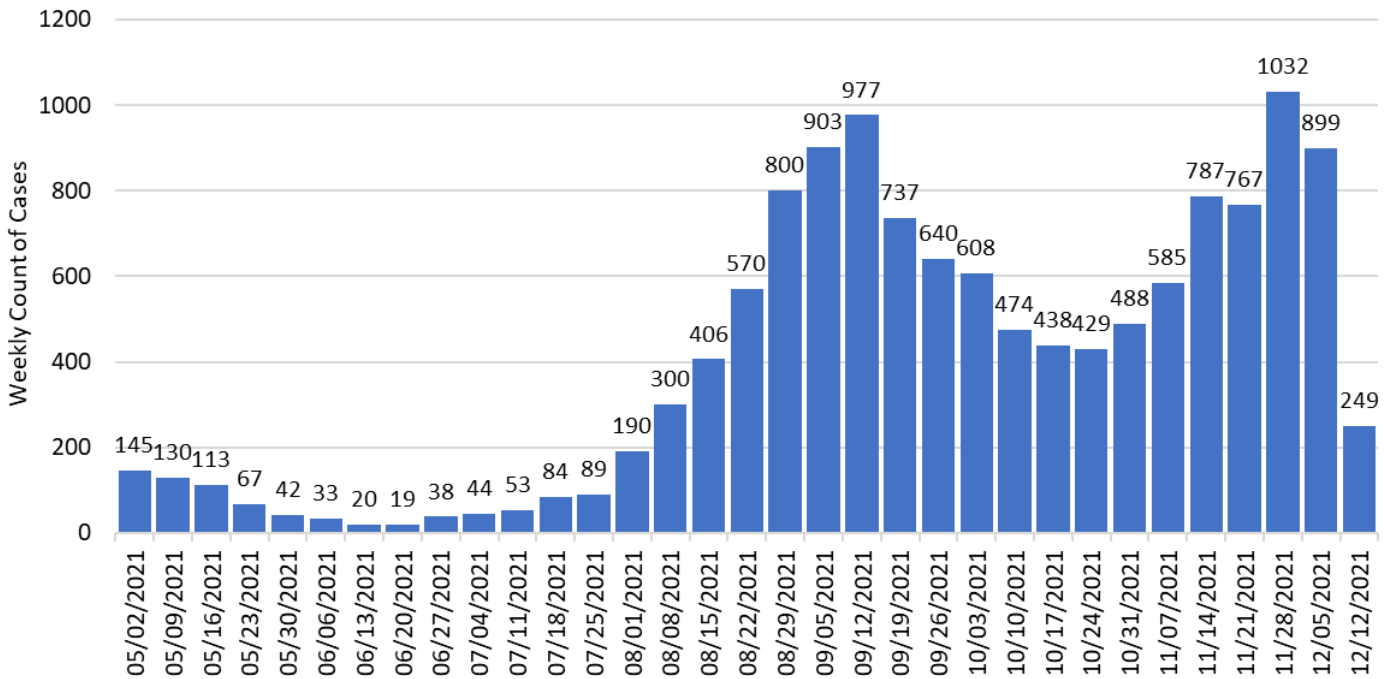
Weekly EpiCurve of Confirmed COVID-19 Cases in Massillon City by Illness

Onset
Graph 9.3



Weekly EpiCurve of Confirmed COVID-19 Cases outside 3 city limits by Illness

Onset
Graph 9.4



Background from www.cdc.gov: Coronavirus disease 2019 (COVID-19) is a respiratory illness that can spread from person to person. The virus that causes COVID-19 is a novel coronavirus that was first identified during an investigation into an outbreak in Wuhan, China.

Case definitions revised 9/22/2021

Confirmed

- Meets confirmatory laboratory evidence.
- o NOTES: Asymptomatic infections are reportable as confirmed cases. In some cases, a SARS-CoV-2 genomic sequencing result may be available without an associated positive PCR result. These records should be classified as a confirmed case; however, public health action may be limited as SARS-CoV-2 genomic sequencing assays are non-diagnostic tests and generally not CLIA-validated.

Probable

- Meets presumptive laboratory evidence AND was reported on or after November 1, 2020; OR
- o For reports received prior to November 1, 2020: meets presumptive laboratory evidence AND either clinical criteria OR epidemiologic linkage; OR
- Meets clinical criteria AND epidemiologic linkage with no confirmatory or presumptive laboratory testing performed for SARS-CoV-2; OR
- Meets vital records criteria with no confirmatory laboratory evidence for SARS-CoV-2.

Counts and rates are based on date of illness onset. If onset date is unknown, the earliest known date is utilized. Any rates based on counts less than 10 are considered unreliable and caution should be exercised when interpreting. Due to testing restrictions, data may be skewed. Report compiled by Canton City Public Health.

Data is sourced from: coronavirus.ohio.gov, ODH data warehouse, and census.gov. “These data were provided by the Ohio Department of Health. The Department specifically disclaims responsibility for any analyses, interpretations or conclusions.”

Beginning March 2, 2021, ODH changed from using Ohio Disease Reporting System (ODRS) for mortality data to utilizing Electronic Death Registration System (EDRS) data. This allows only deaths which have been verified by the CDC’s National Center for Health Statistics (NCHS) to be included on the ODH website. This data is not updated daily. For the time being, Stark County will continue to utilize mortality data for ODRS with the disclaimer that data is considered preliminary and subject to change.

For information regarding test priorities, please visit: <https://coronavirus.ohio.gov/static/docs/COVID-19-Testing-Guidance.pdf>

For information regarding testing sites, please visit: <https://coronavirus.ohio.gov/wps/portal/gov/covid-19/testing-centers/>

For information on Restart Stark, including guidance and resources for Stark County, please visit: <https://coronavirus-response-stark-county-resources-starkcountyohio.hub.arcgis.com/>

For information on testing Statewide, please visit: <https://coronavirus.ohio.gov/wps/portal/gov/covid-19/dashboards/key-metrics/testing>

For information on vaccinations, please visit: <https://coronavirus.ohio.gov/wps/portal/gov/covid-19/covid-19-vaccination-program>